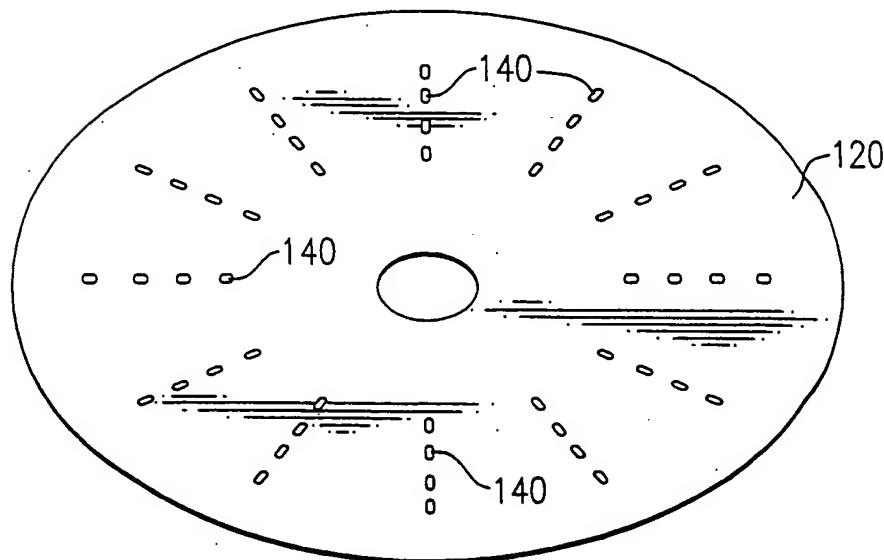
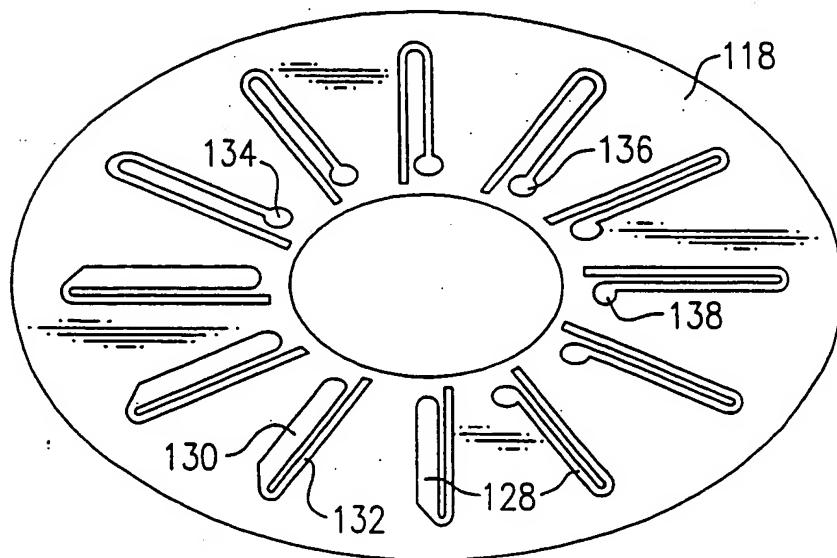
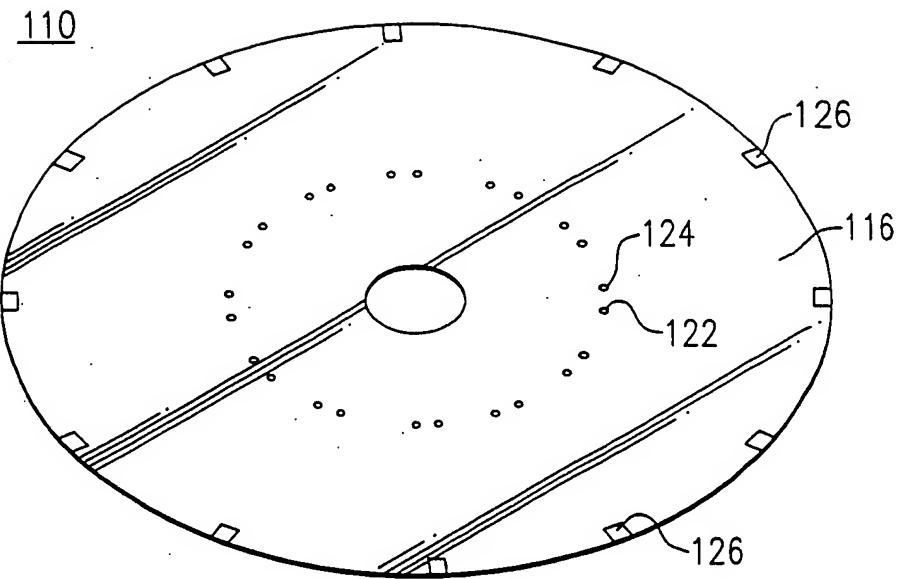


FIG.1

I certify that this document is being submitted to
the U.S. Patent and Trademark Office under
37 C.F.R. § 1.10 on February 21, 2003 using
U.S. Express Mail # EV183372521US

Ramon Valencia
Print Name _____
ram
Signature _____

FIG.2

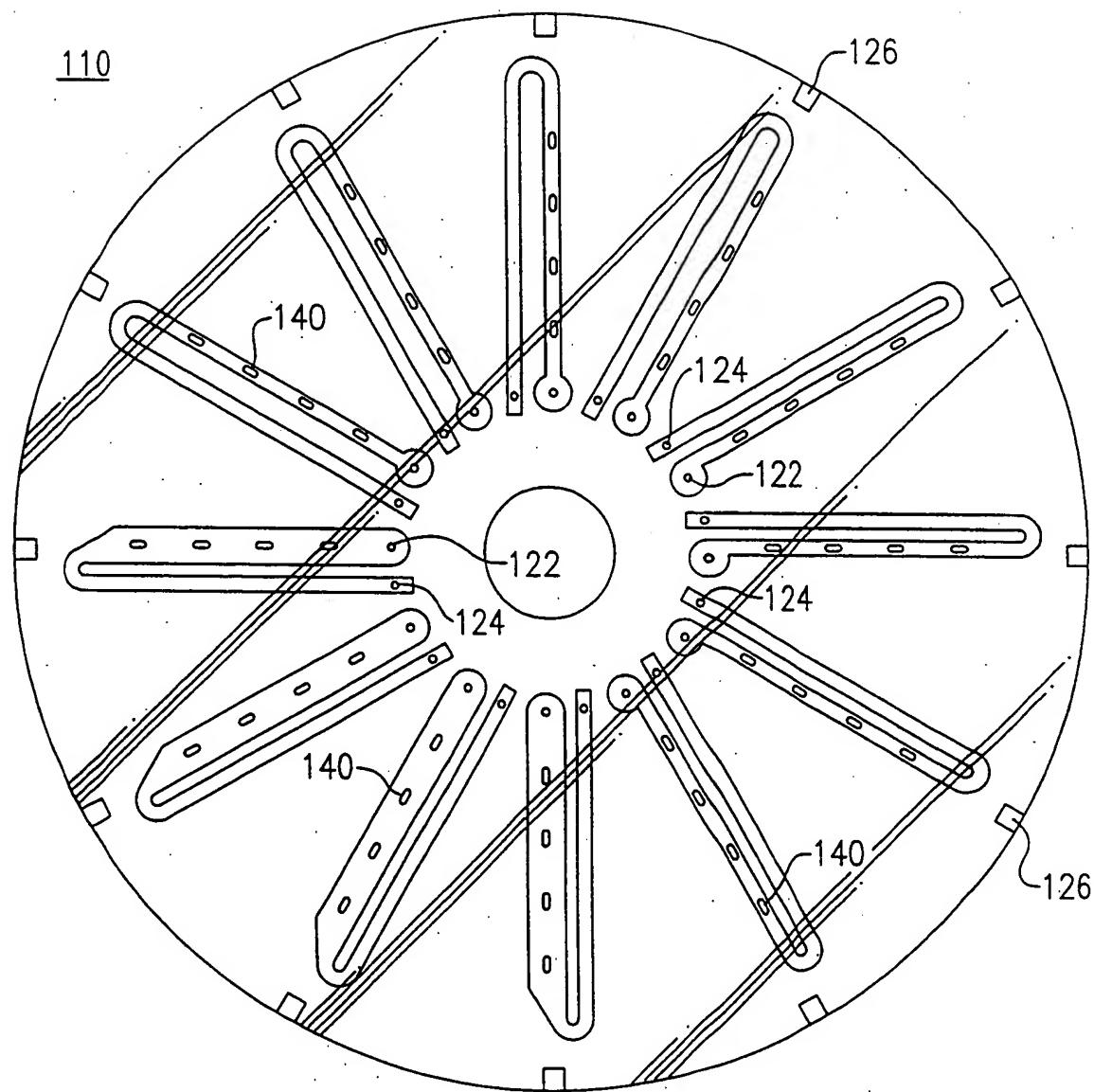


FIG.3

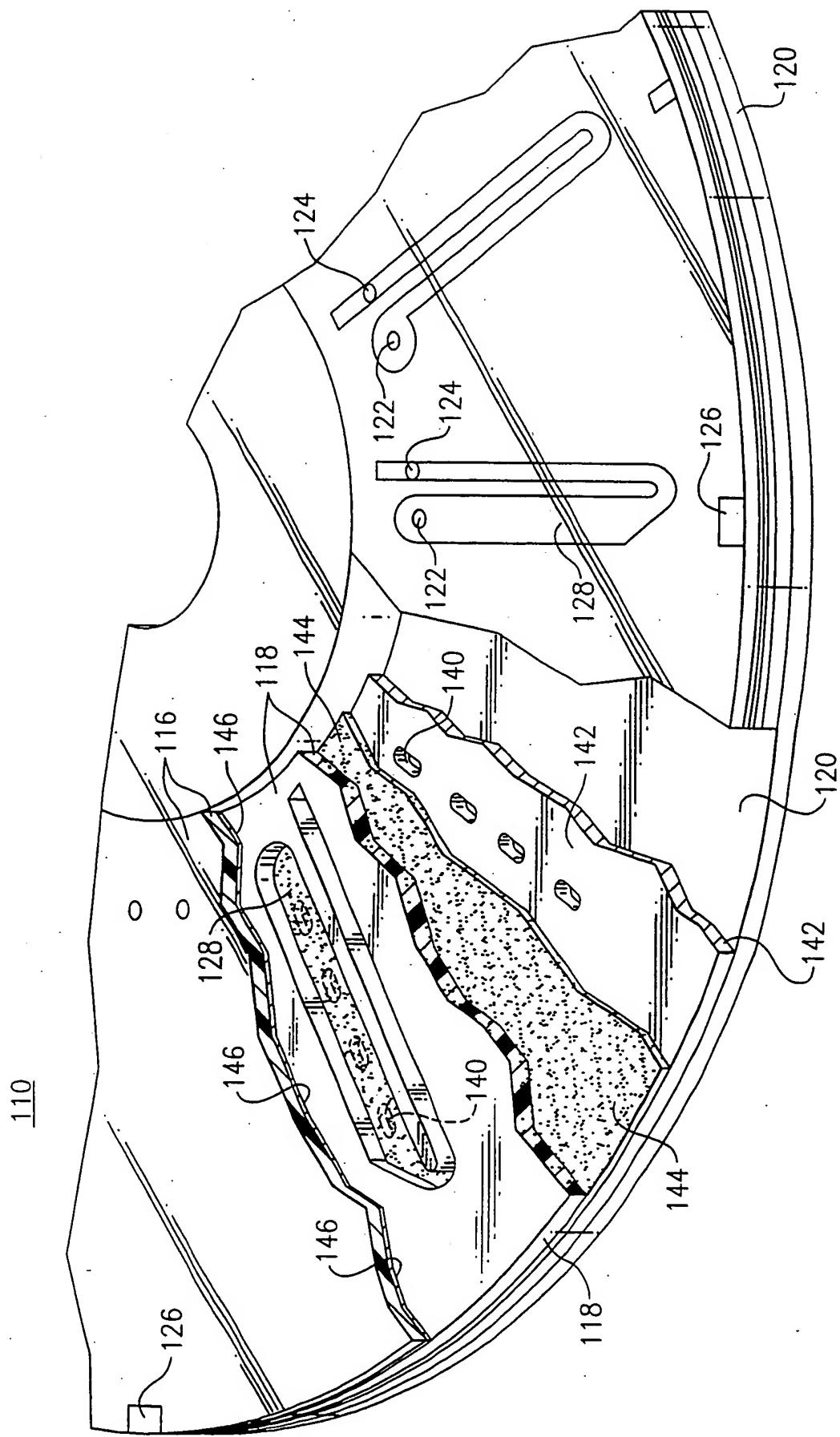
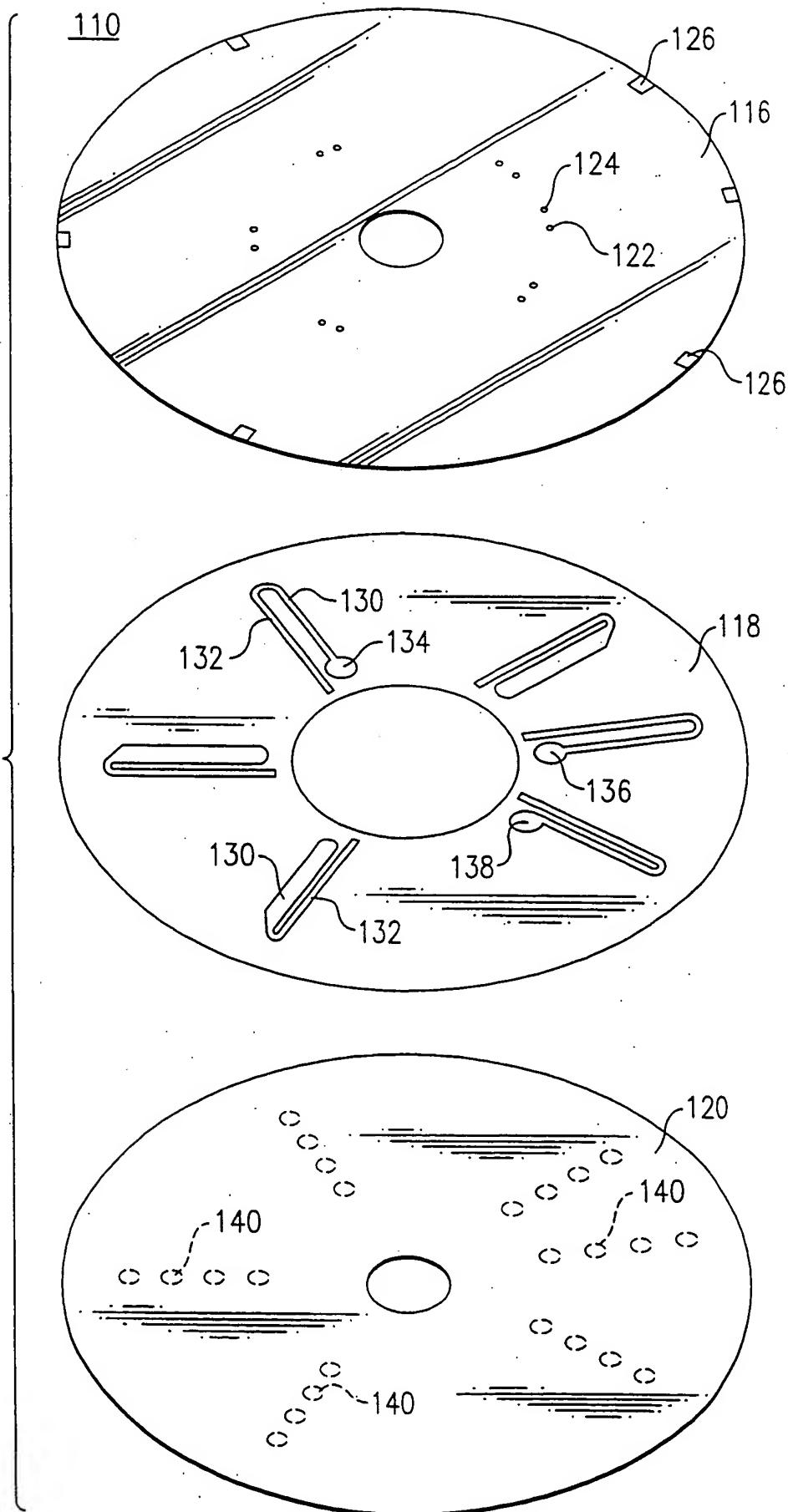


FIG.4

FIG.5

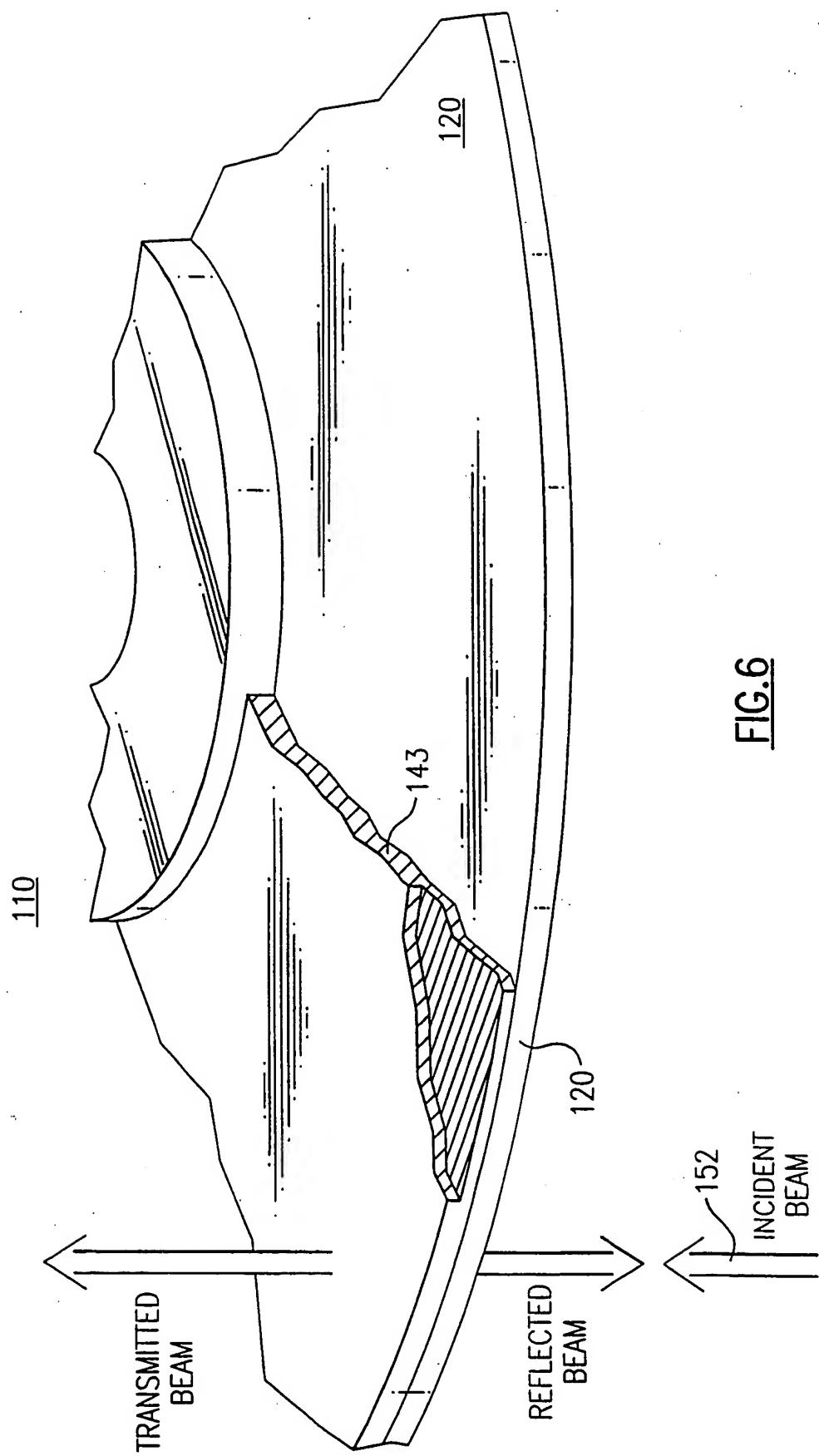


FIG.6

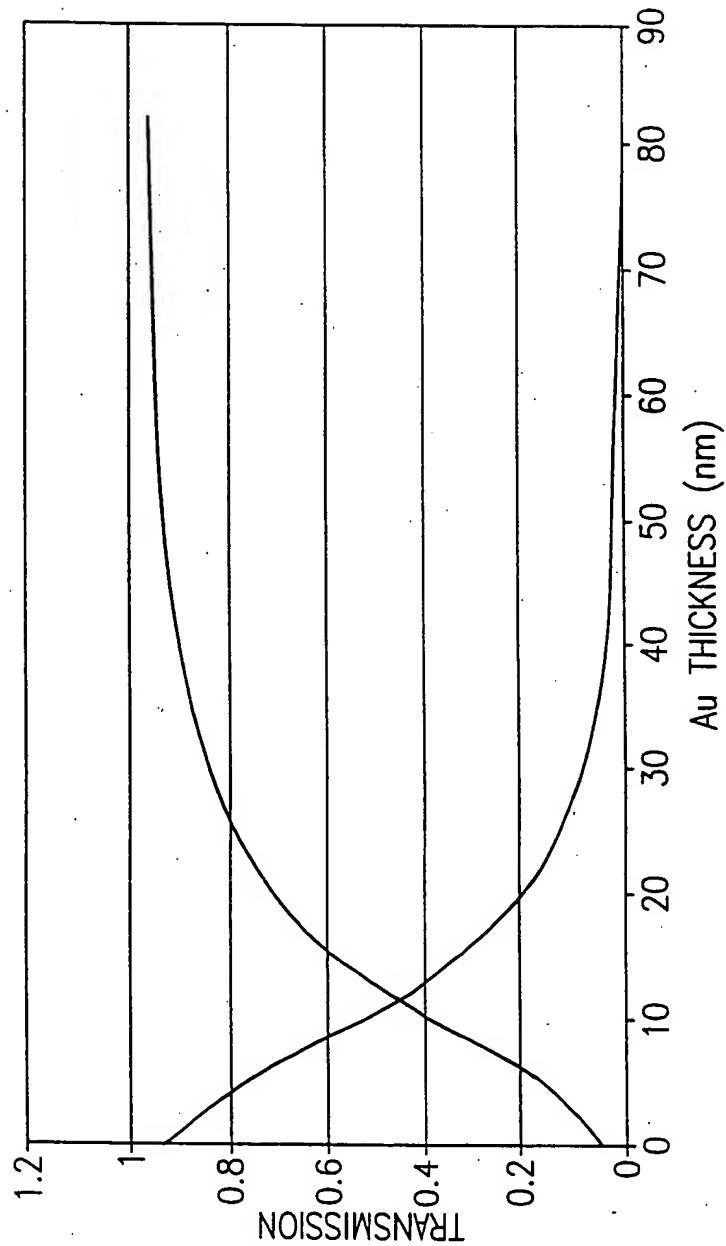


FIG.7

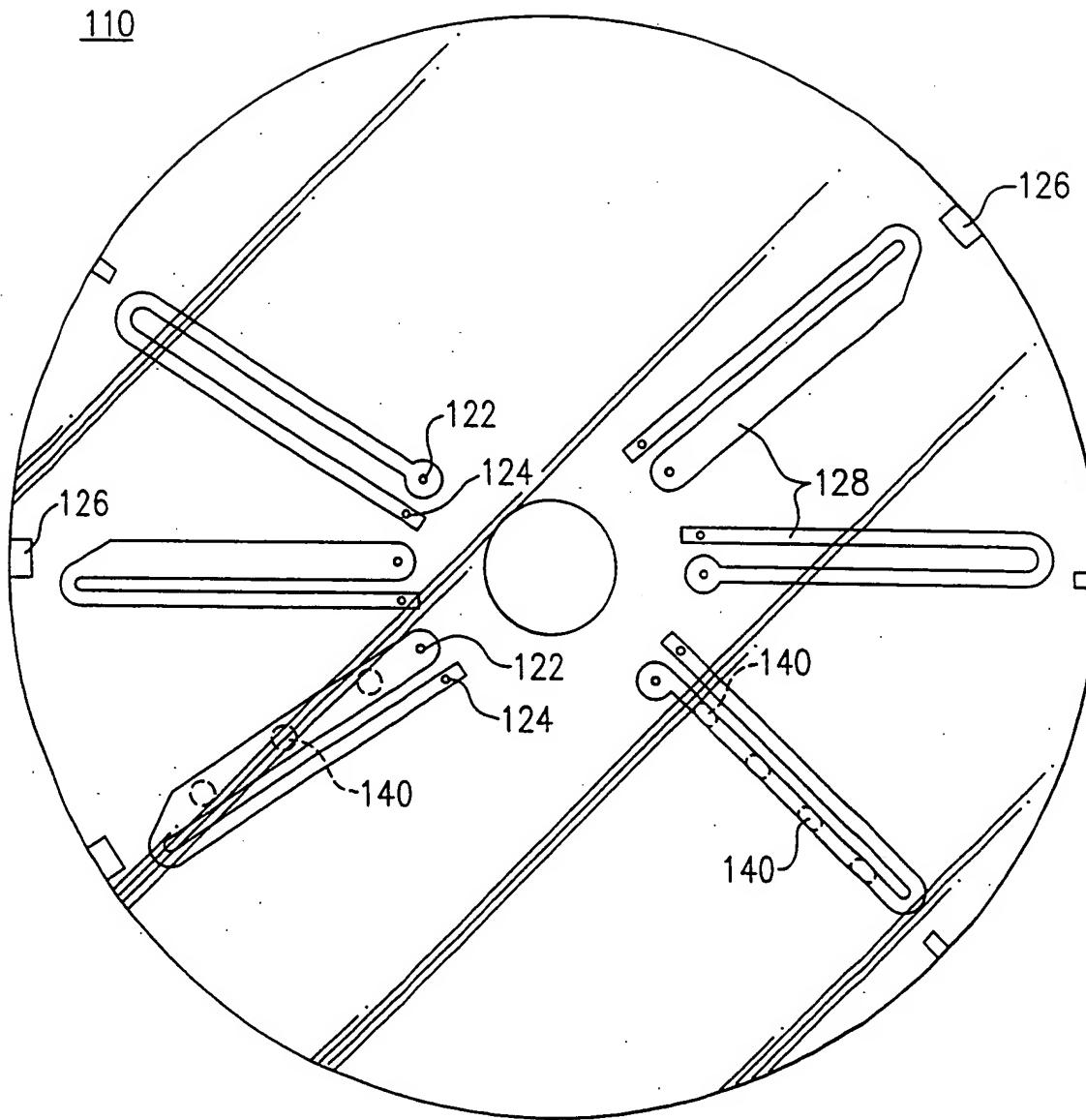


FIG.8

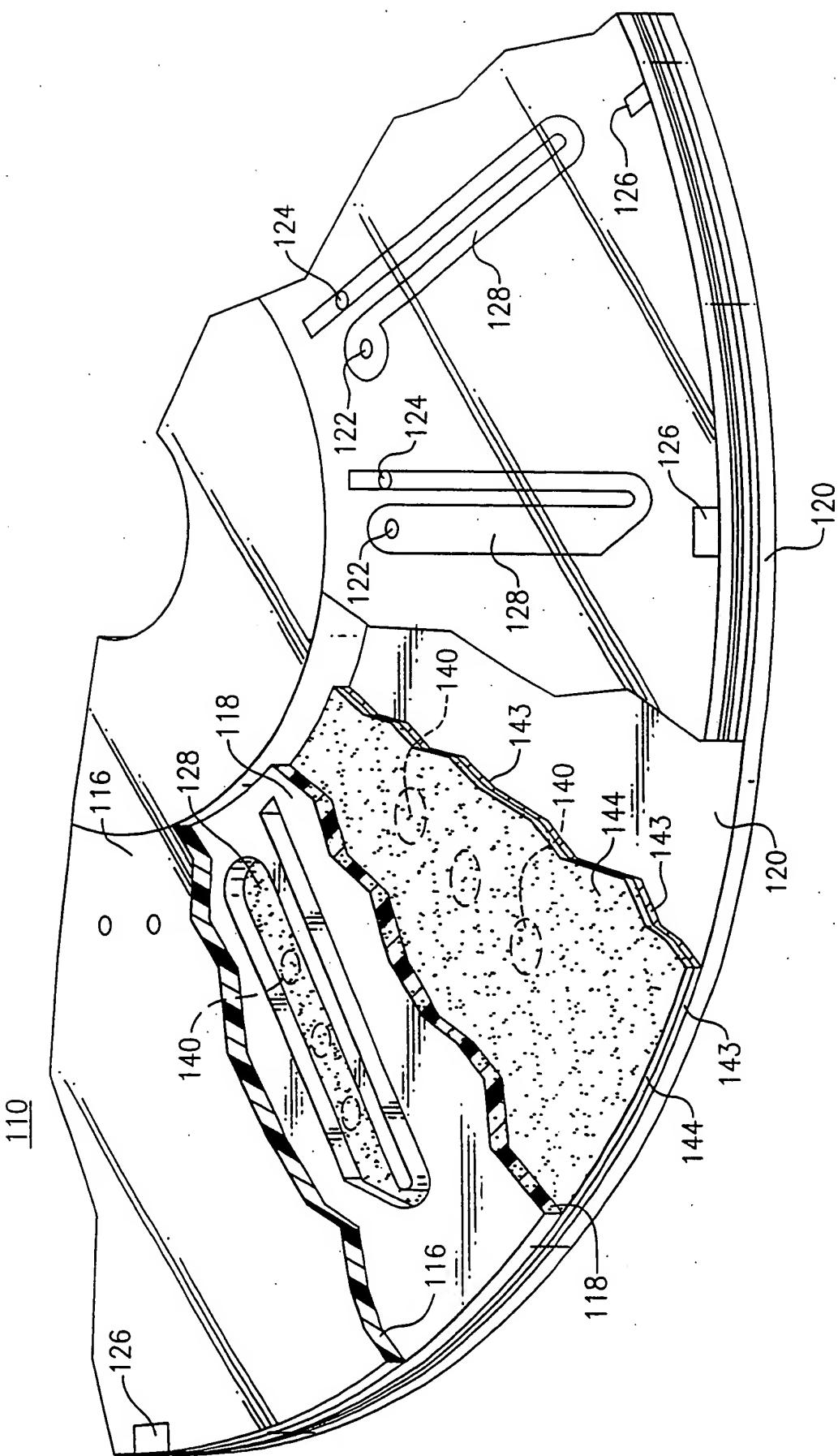
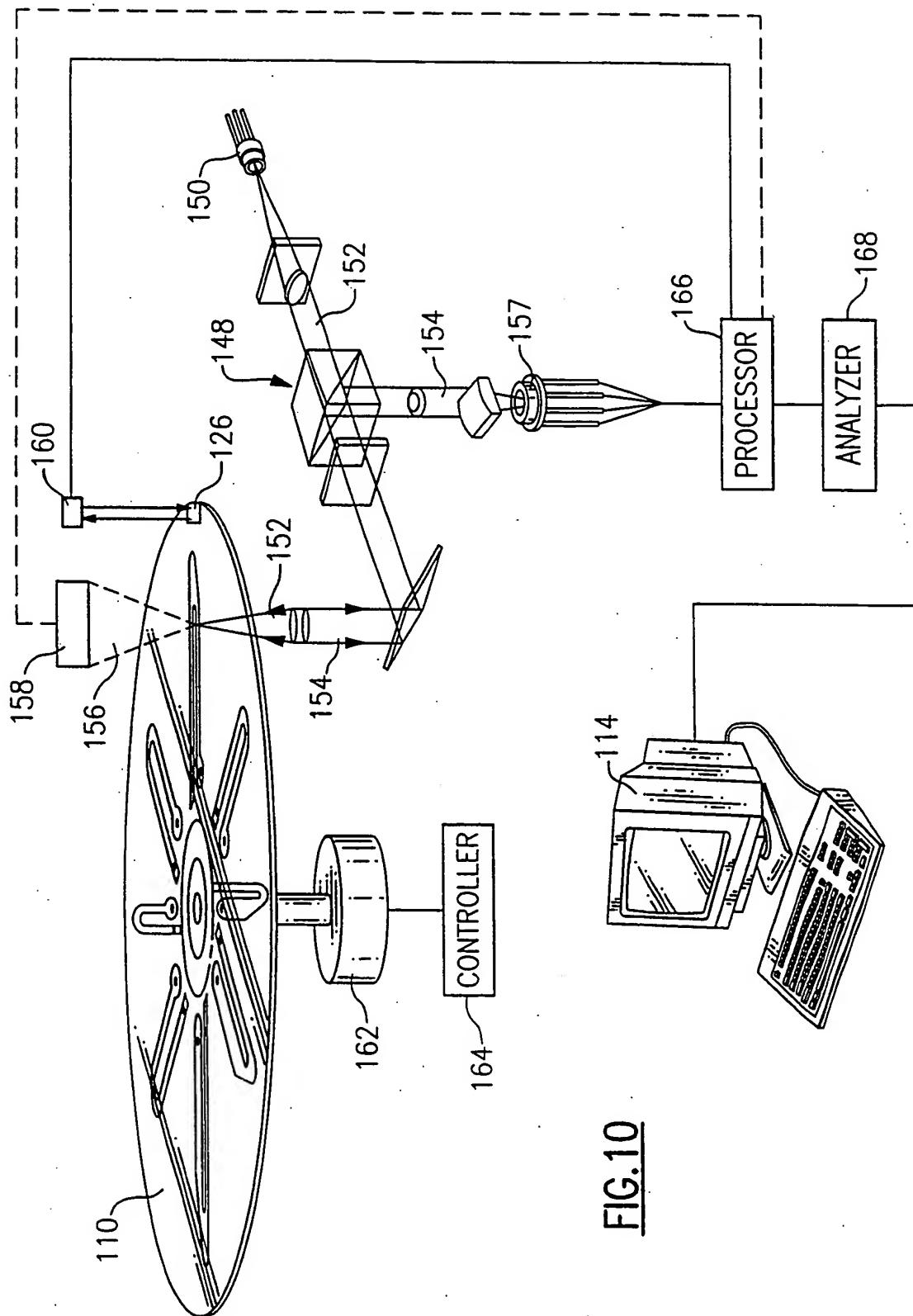


FIG. 9



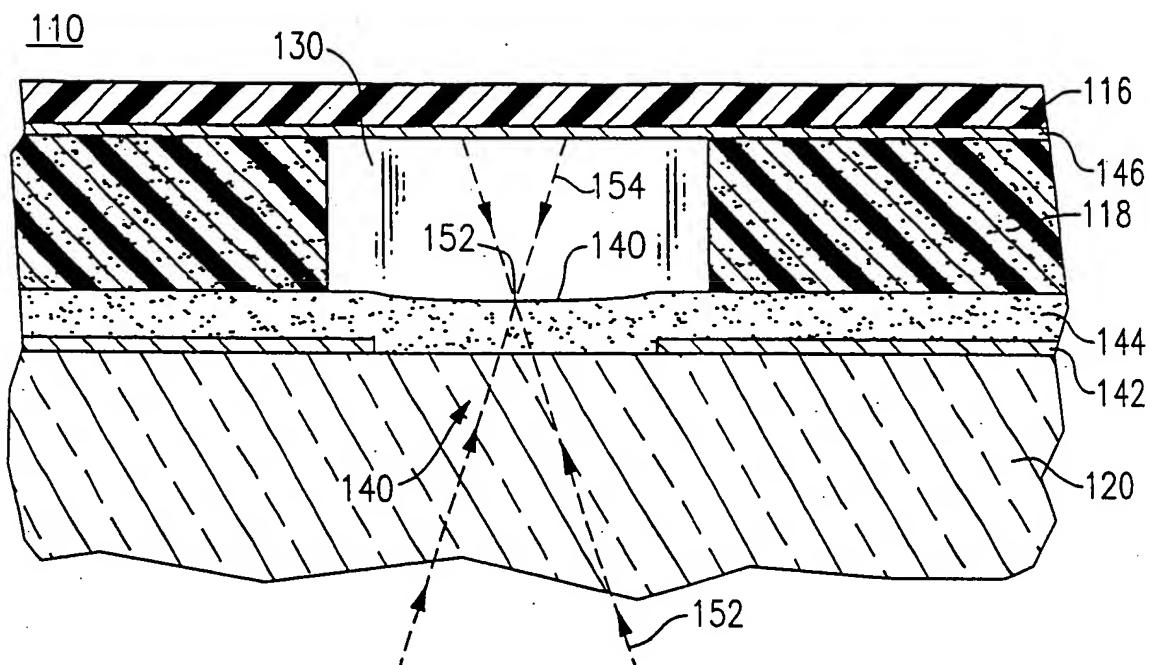


FIG.11

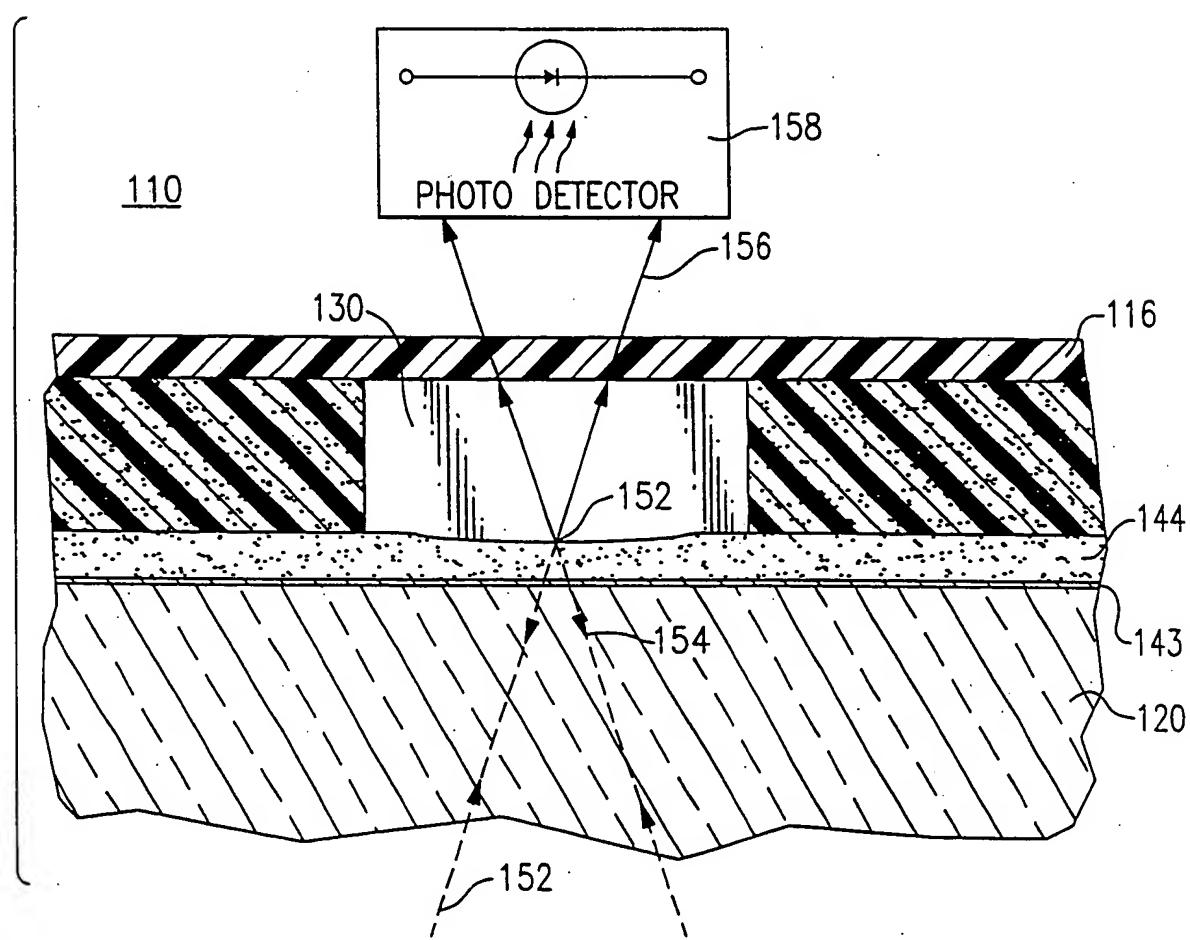


FIG.12

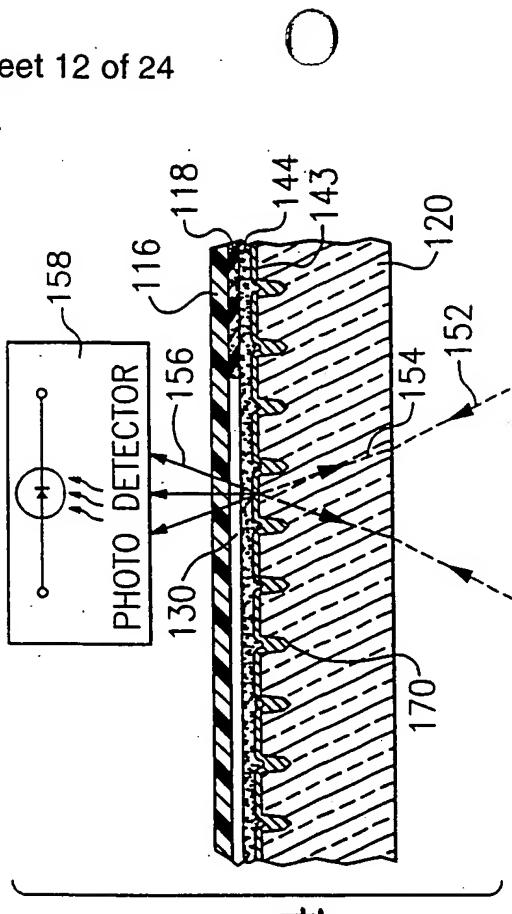
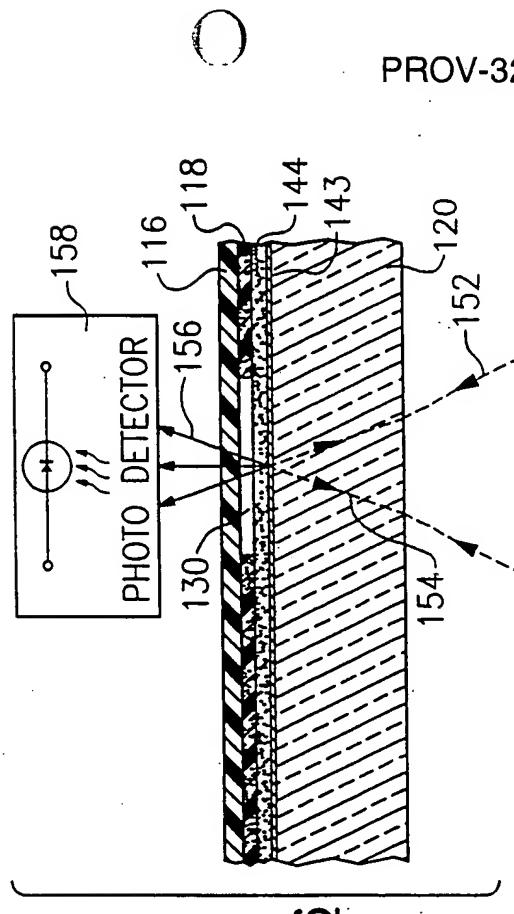
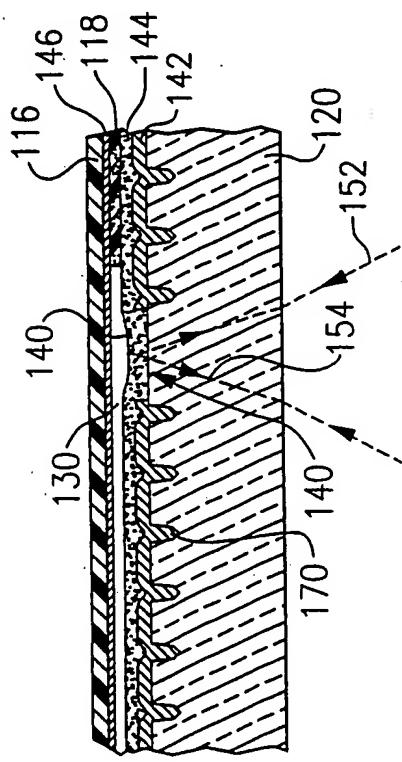
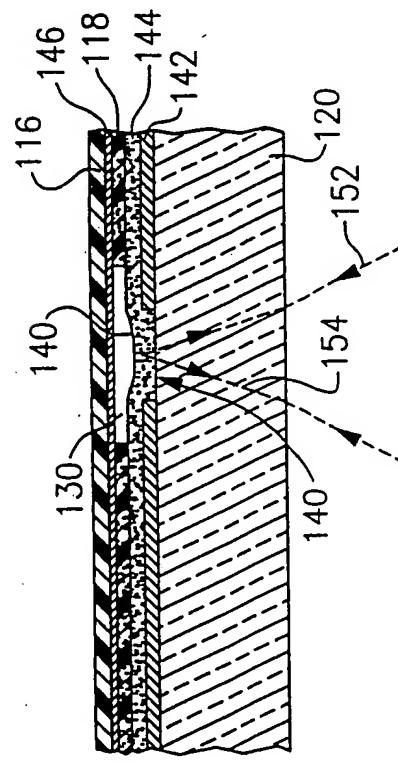
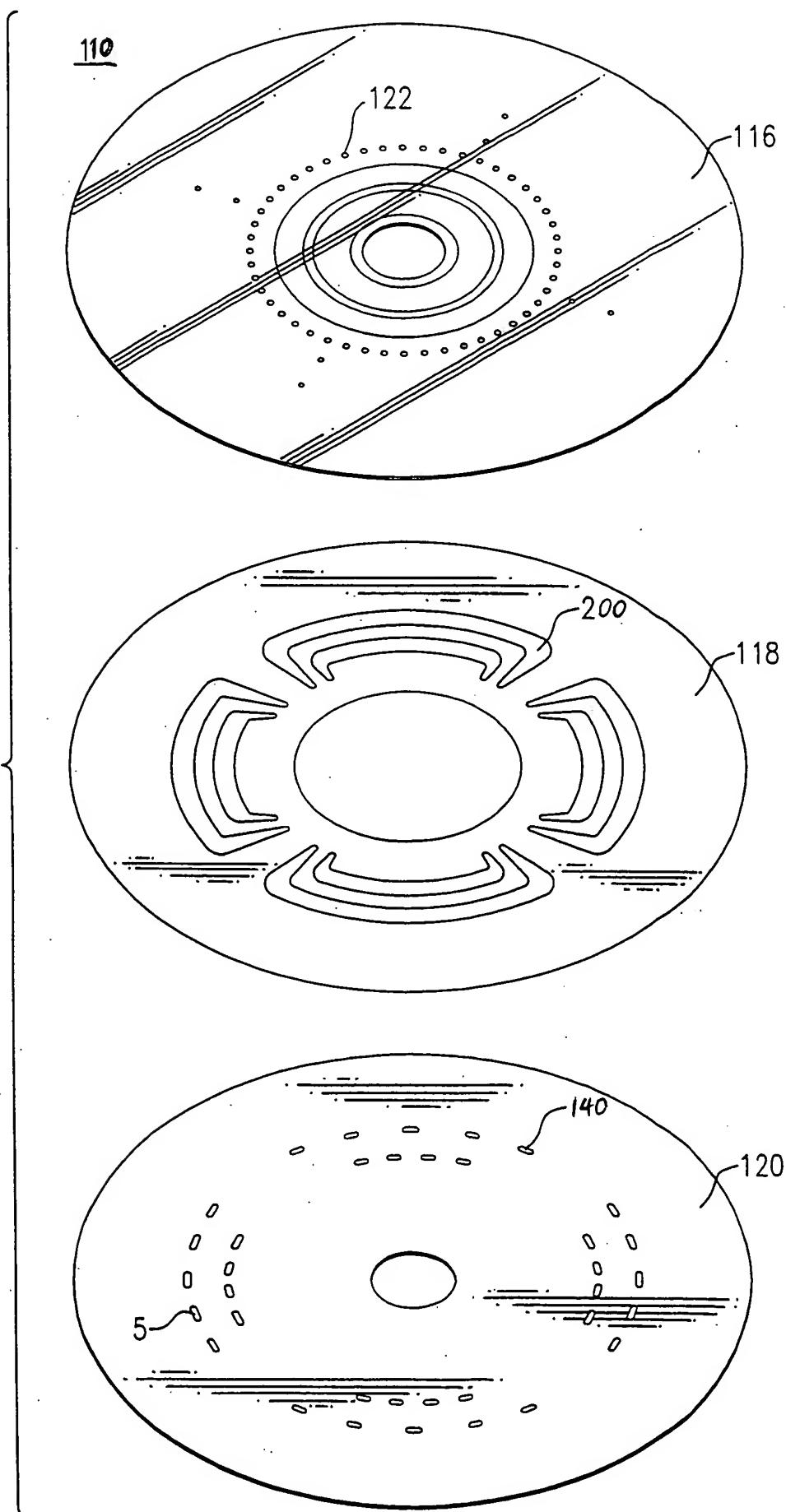
FIG.14FIG.16FIG.13FIG.15

FIG.17A

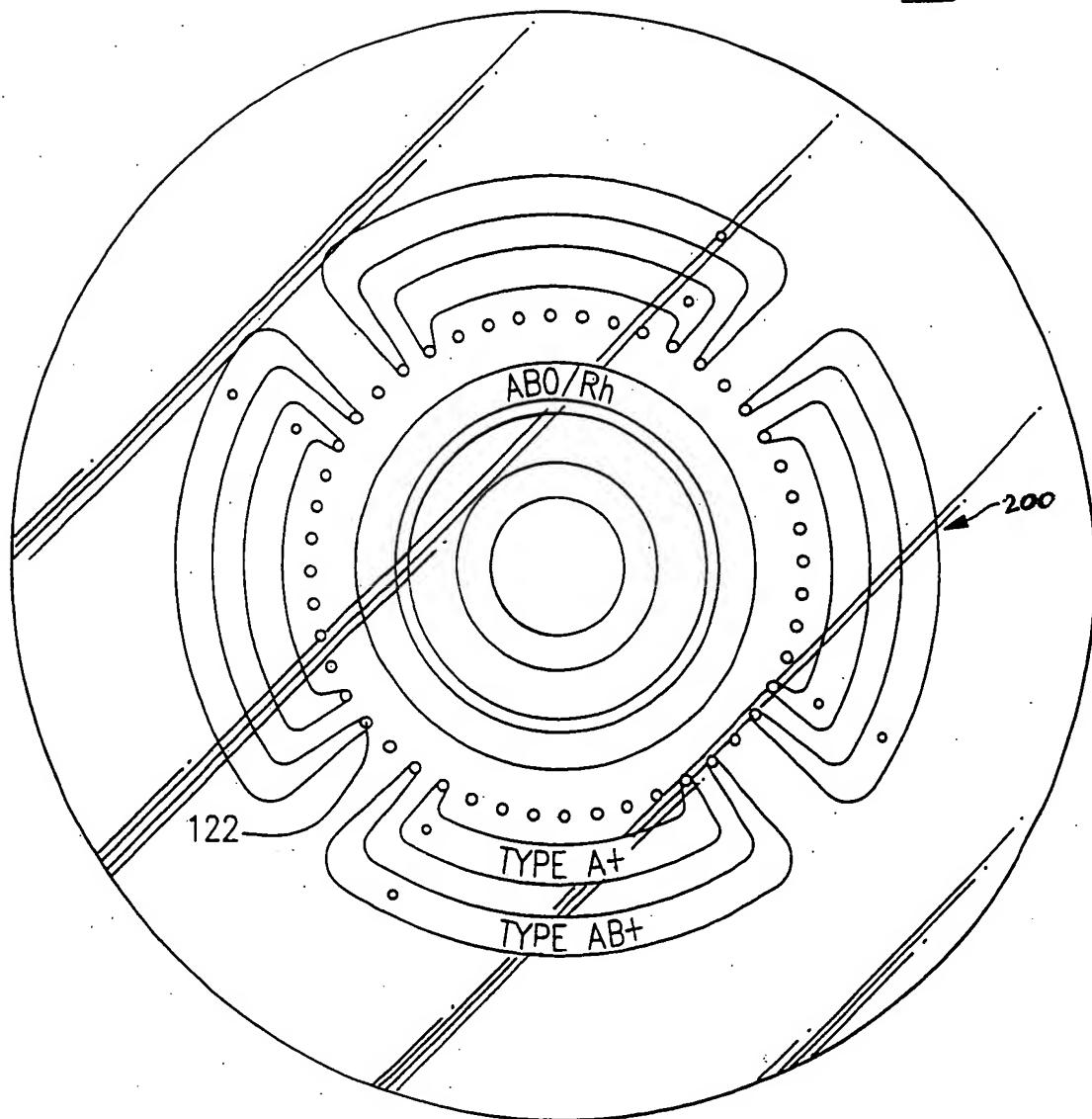


FIG.17B

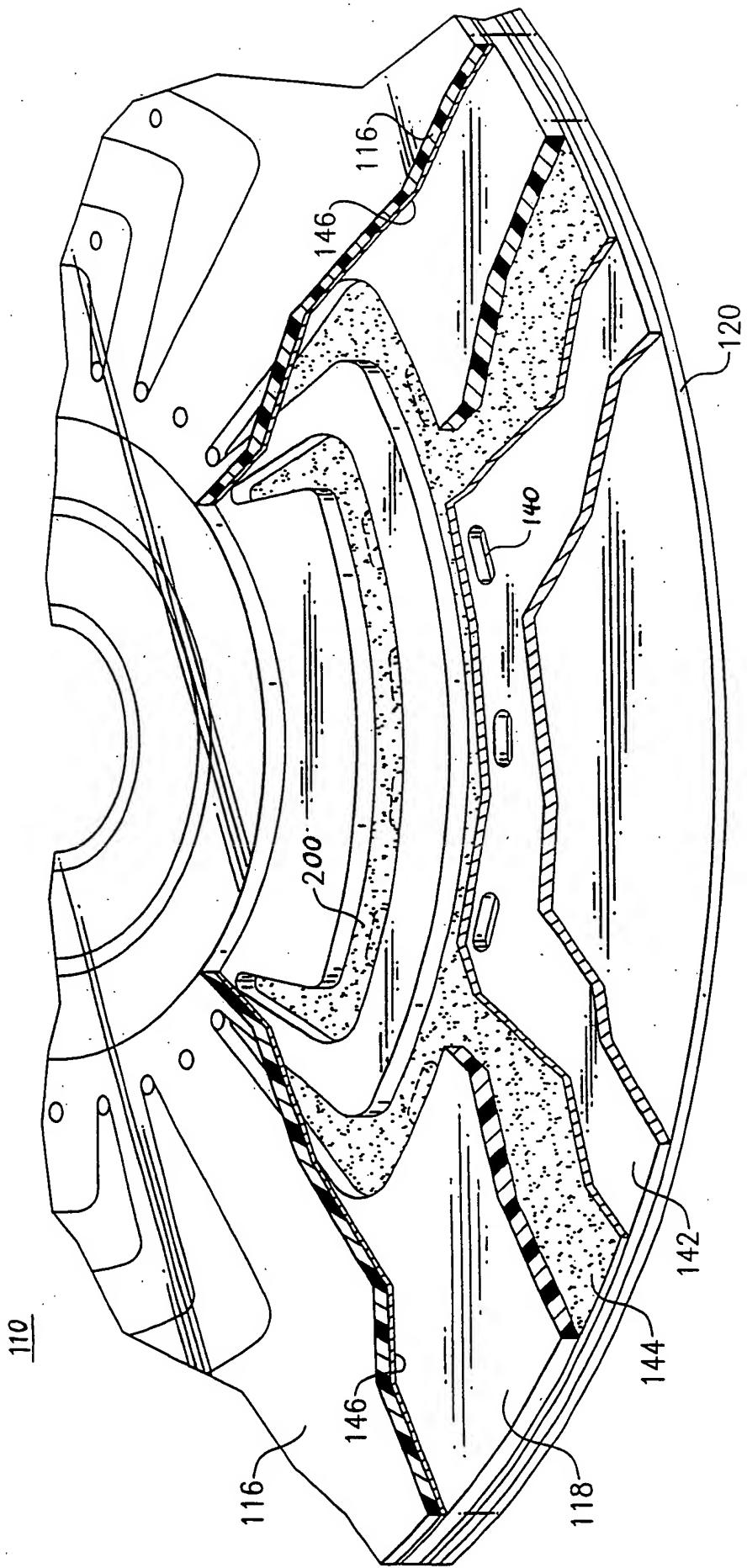
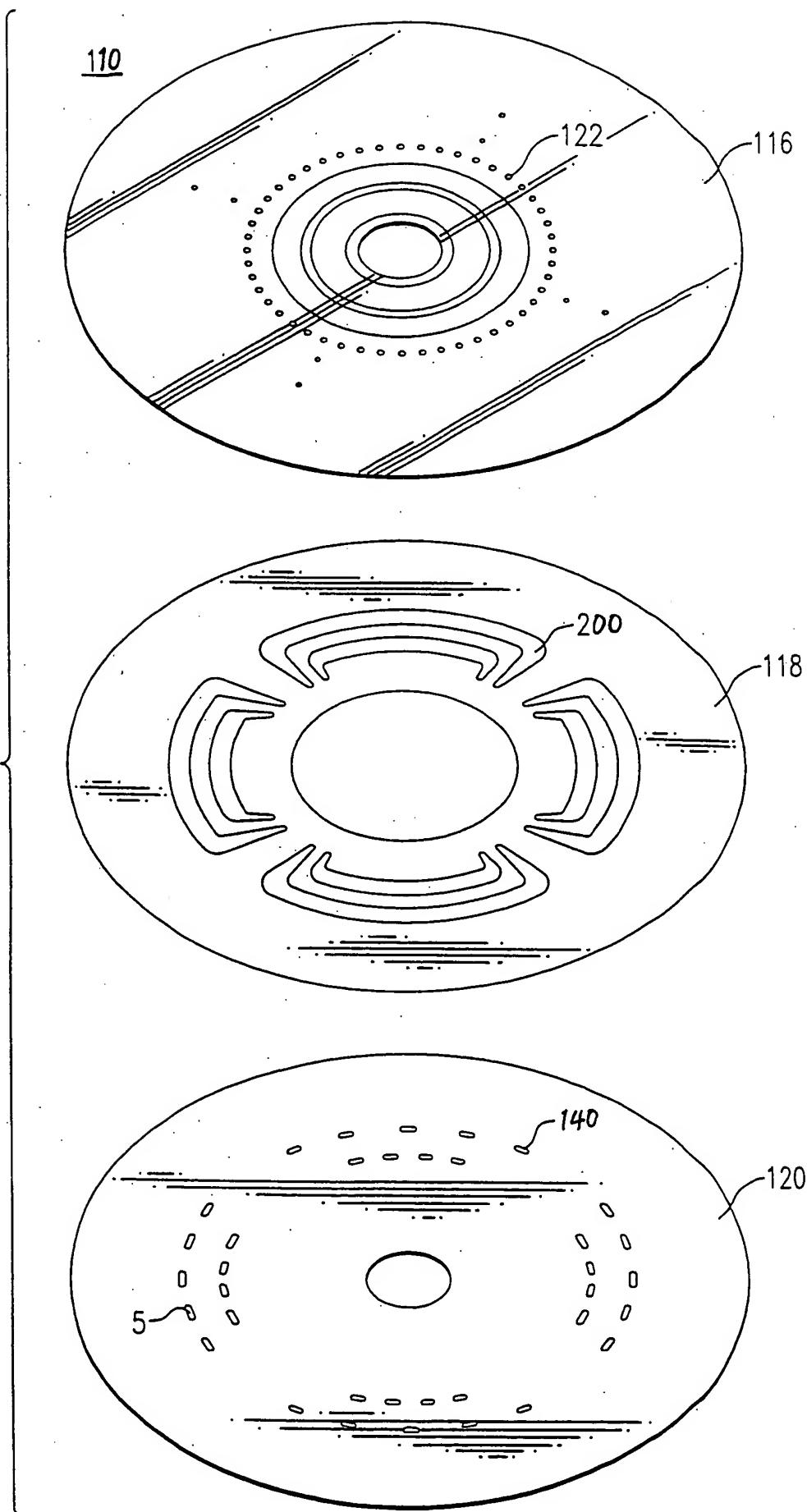


FIG.17C

FIG.18A

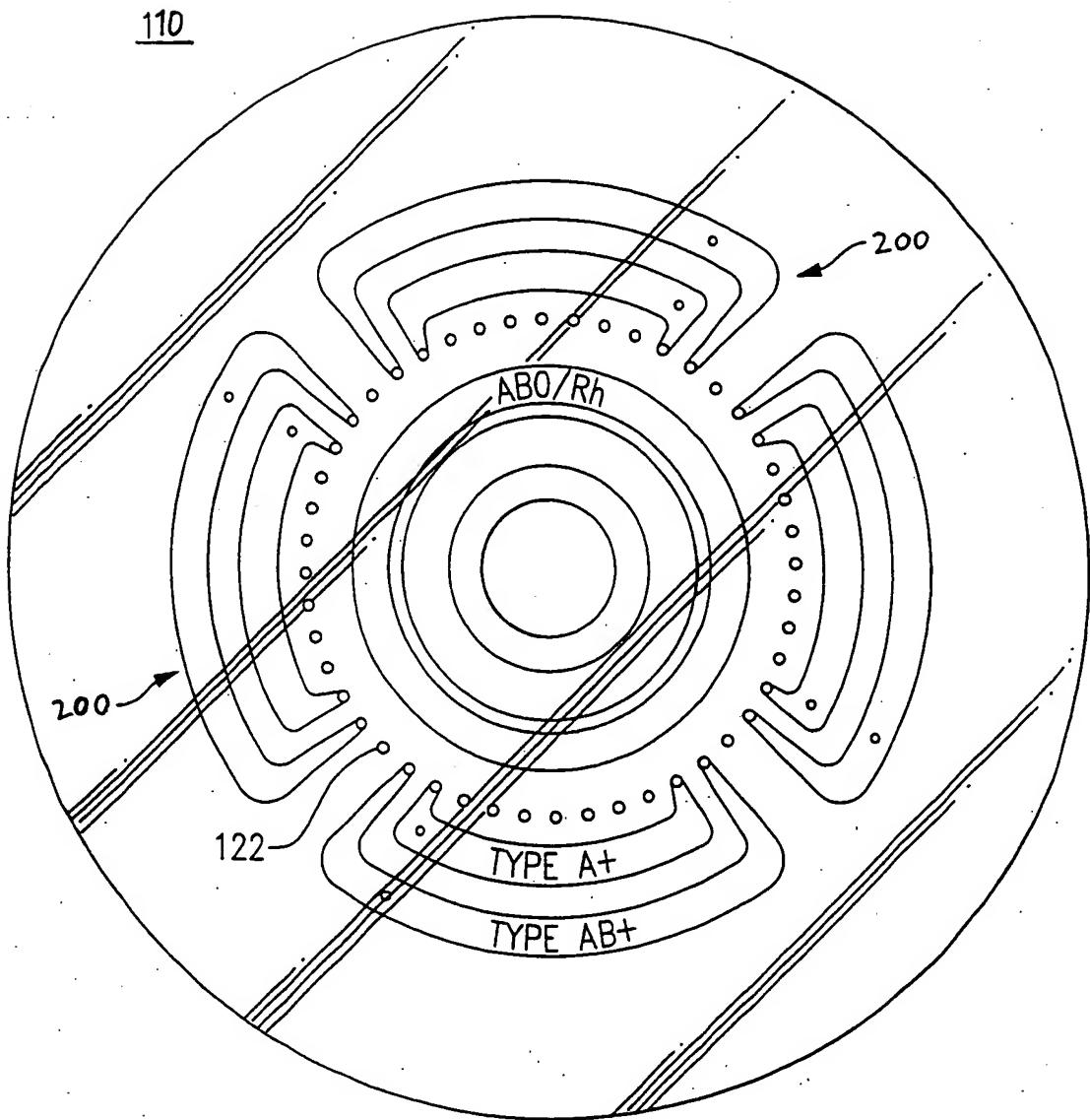


FIG. 18B

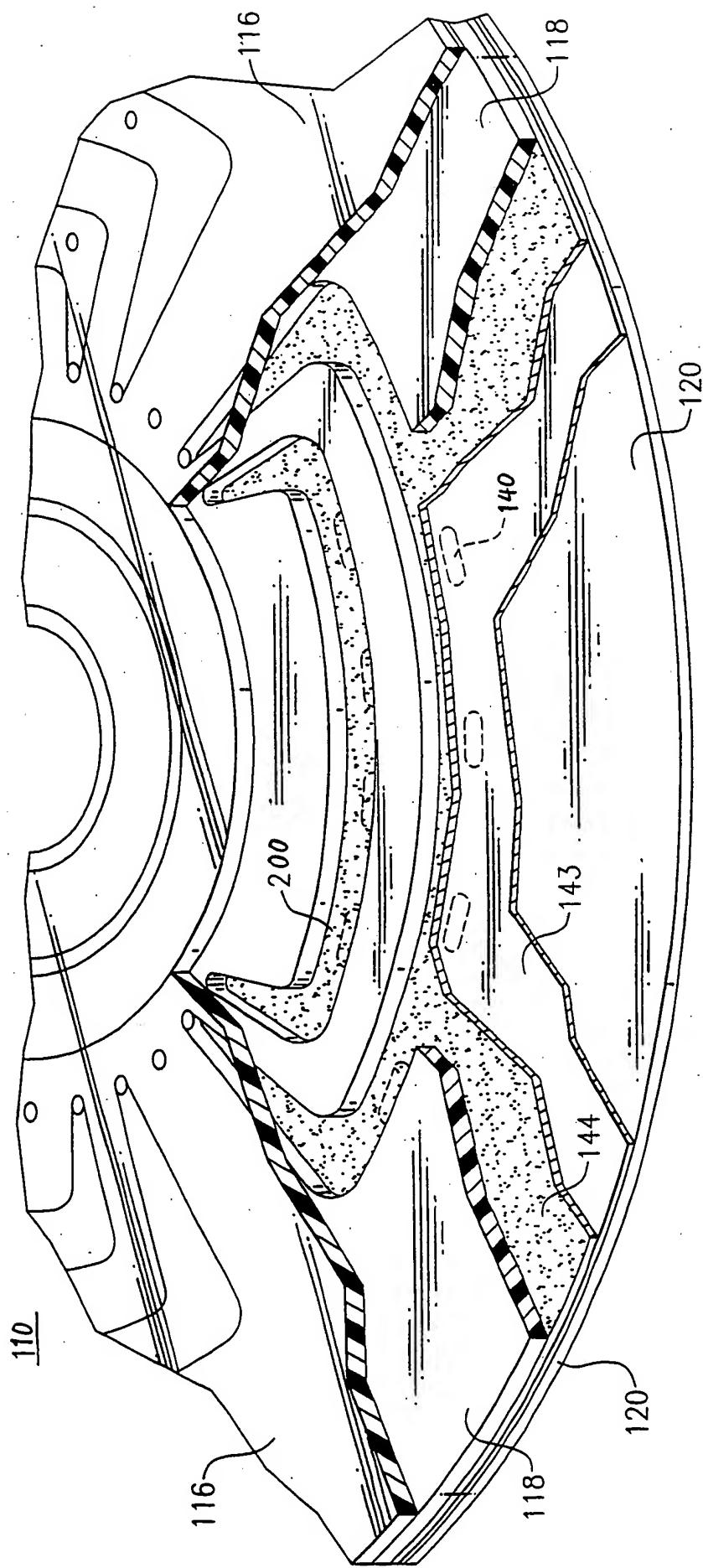
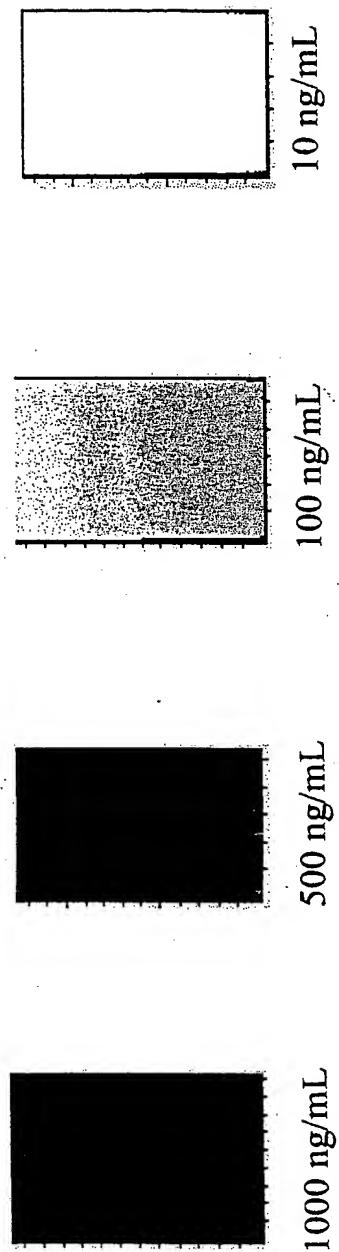


FIG. 18 C

CD-Derived Hemoglobin Dose-Response Images

Hemoglobin Ao



Hemoglobin A1c

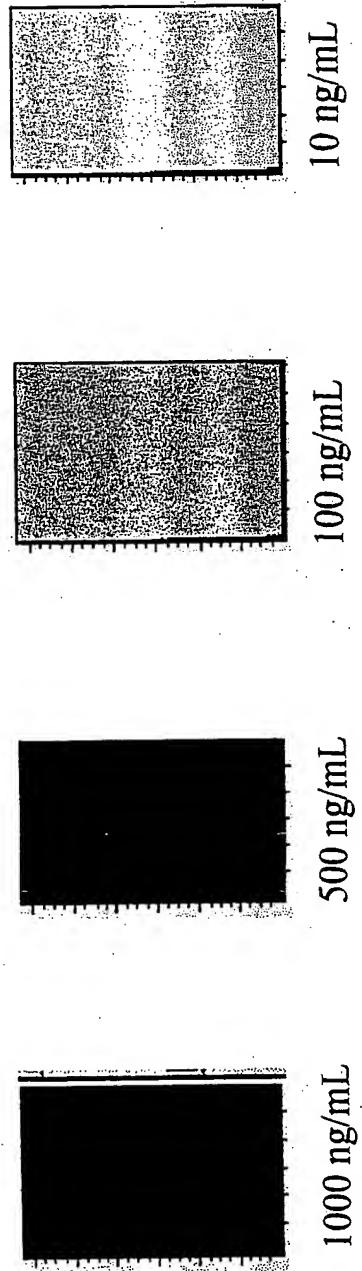
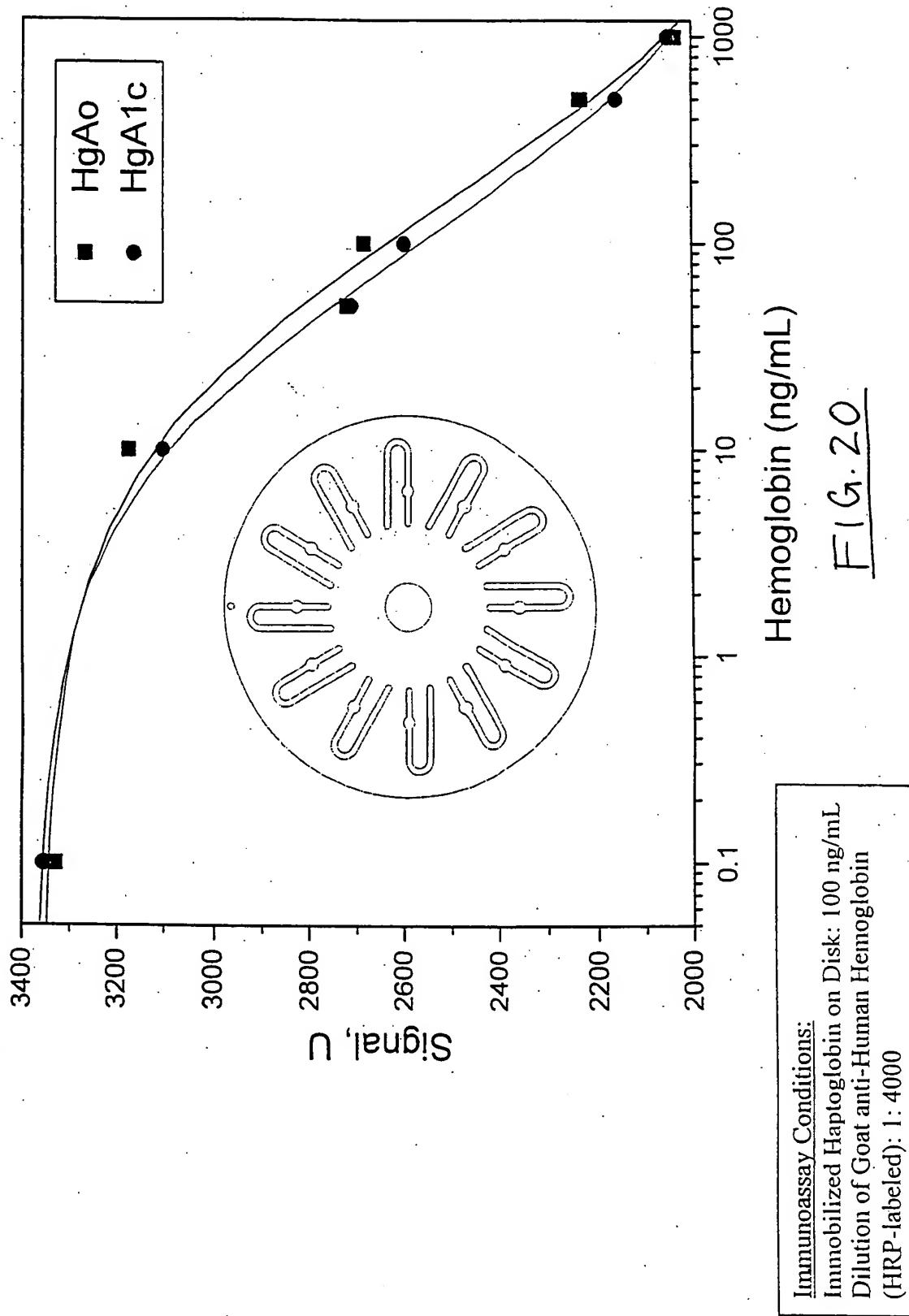


FIG. 19

Typical Standard Curves for Non-Glycated Human Hemoglobin (HgAo) and Glycated Hemoglobin (HgA1c) on an Optical U-Channel Disk (BCD™)



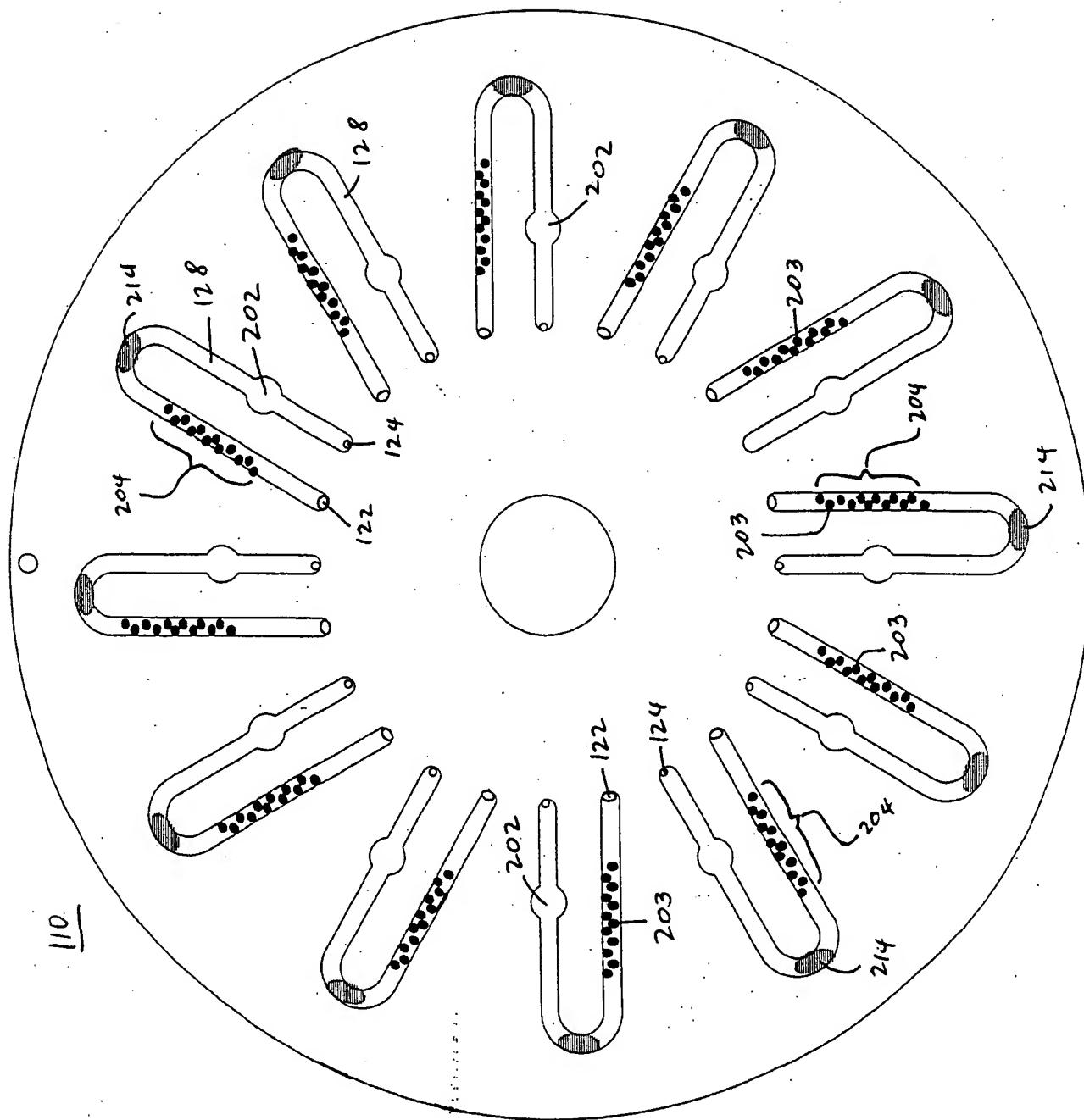
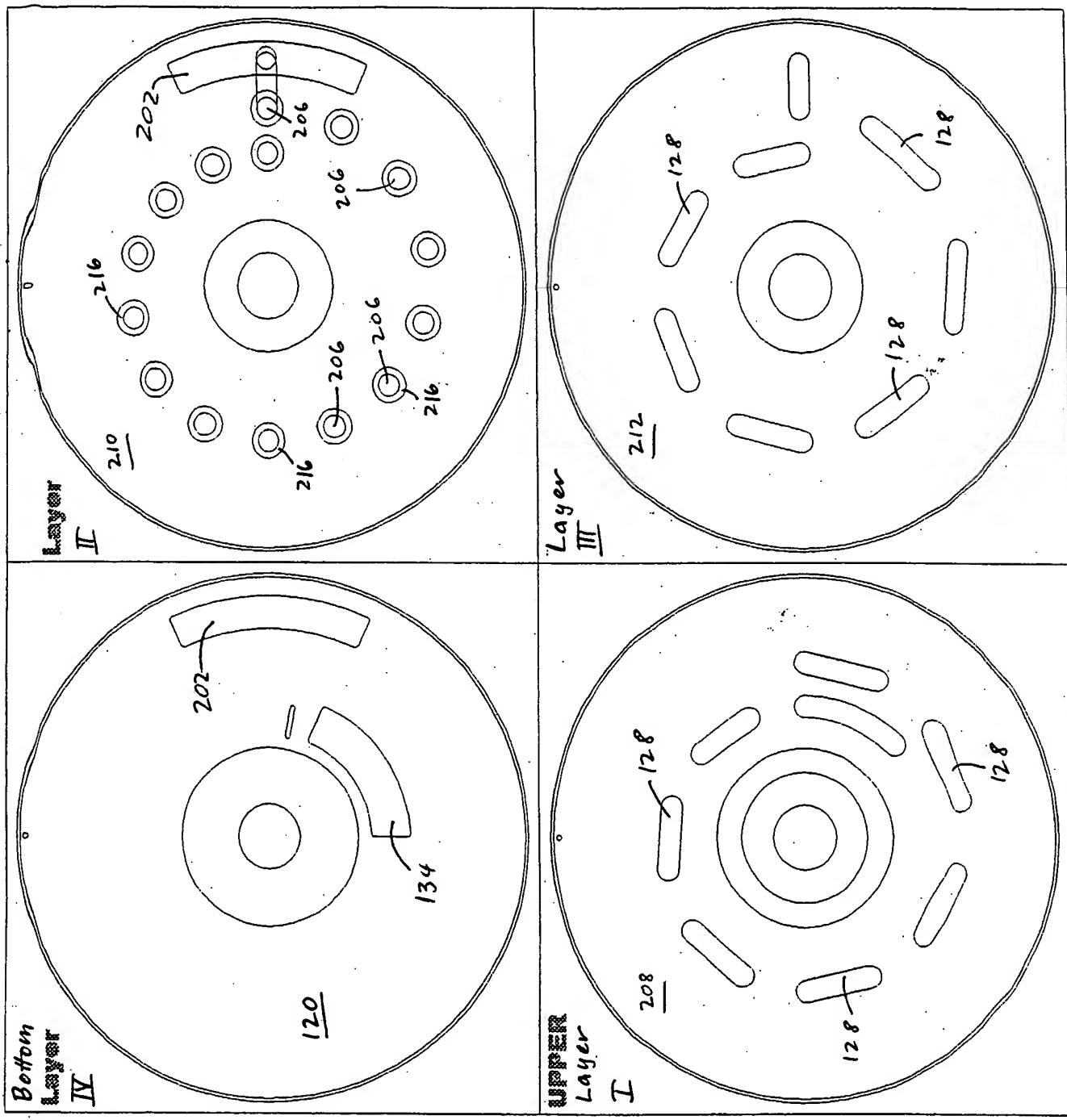


FIG. 21



Disc Layer Assembly: (Top to Bottom)

- I. Upper channel layer
- II. Middle membrane layer
- III. Lower channel layer
- IV. Bottom substrate layer

Note: A top most cap layer (116) with the inlet and vent ports is not shown.

FIG. 22A

PROV-325B

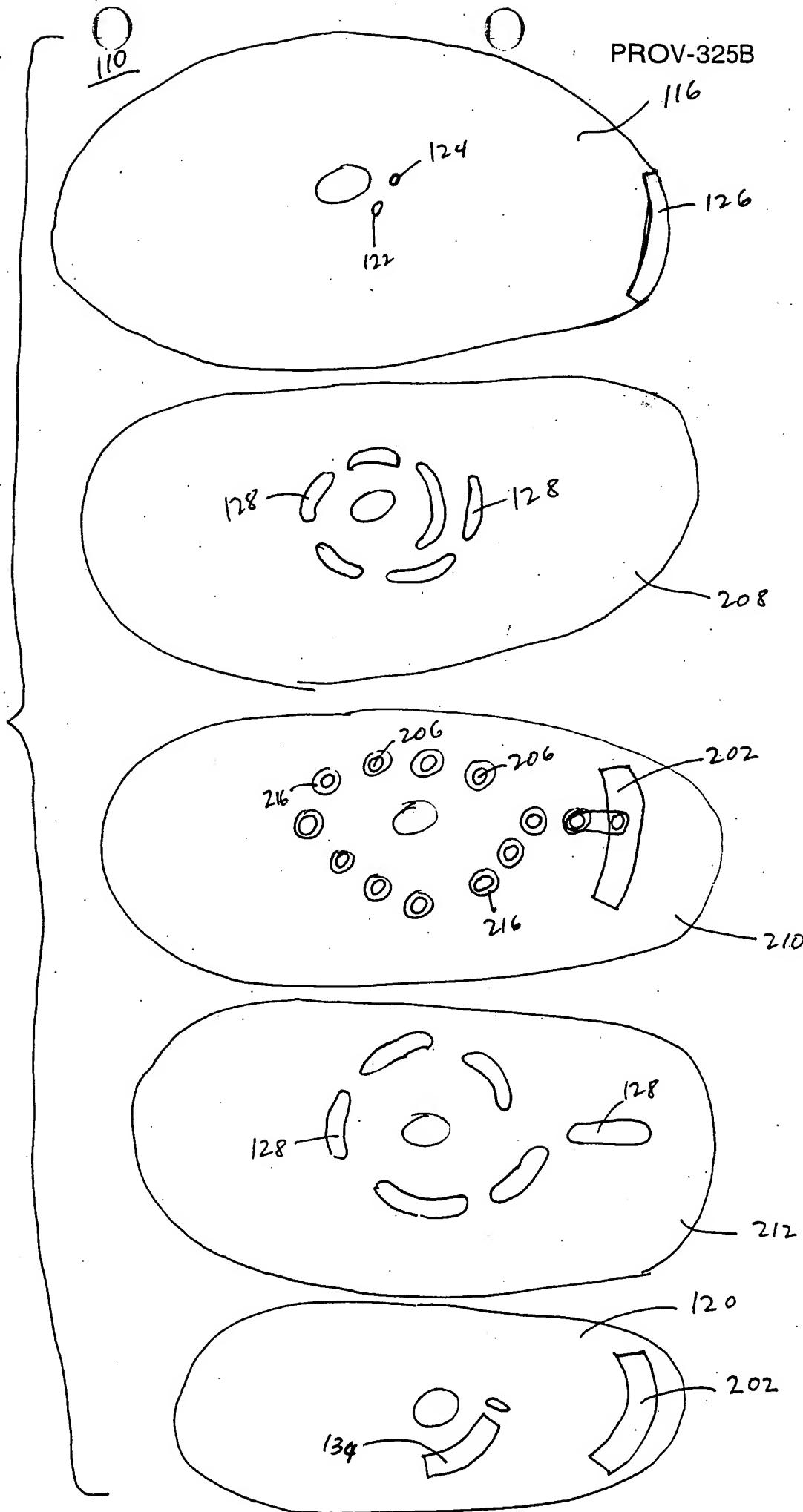
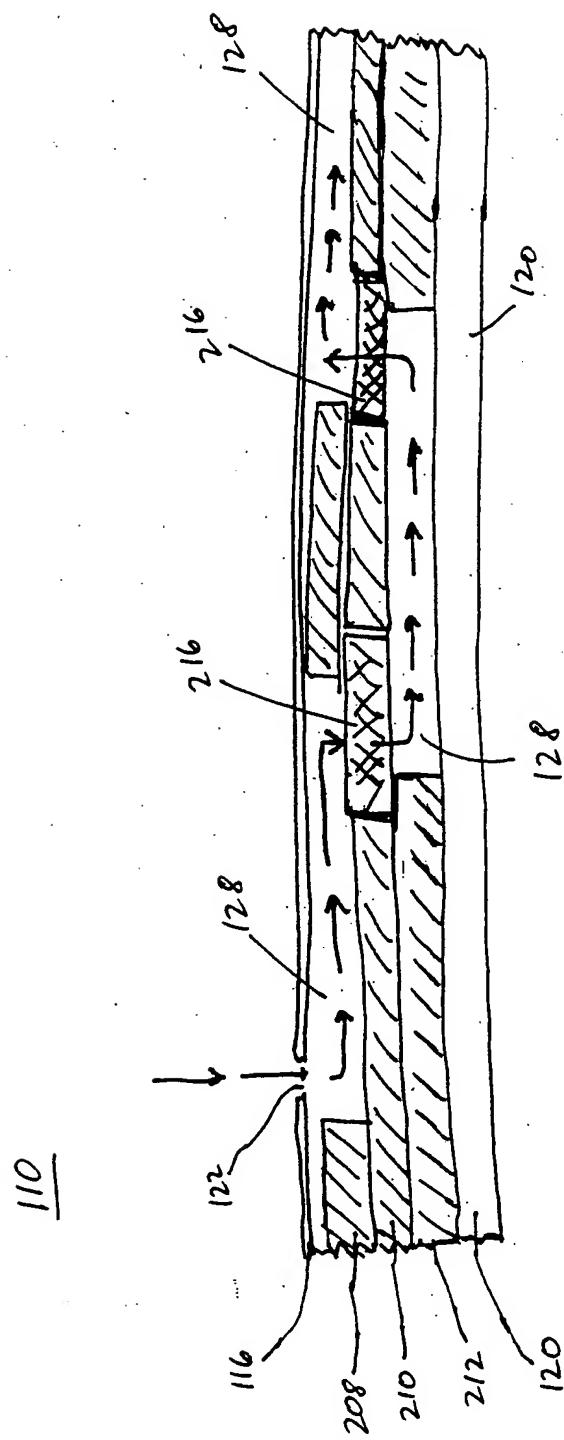


FIG. 22 B



F16.22C